

LINE: WB-81-20
 S.P.: 880-100
 1X4800%, MIGRATION TVF

240184

SOUTHEAST

ENCLOSURE 14

WEAVER OIL AND GAS

OFFSHORE AUSTRALIA
 BASS BASIN, STONEY ROCK
 SHOT BY WESTERN GEOPHYSICAL CO. PARTY 86 APRIL 1981
 PROCESSED BY WESTERN GEOPHYSICAL HDG GAP 27 JULY 1981
 PLAYBACK REEL NO. 1028898

RECORDING DATA

SOURCE	
ENERGY SOURCE	AIR GUNS
NUMBER OF GUNS	10
GUN DEPTH	6 METERS
FIRING INTERVAL	25 METERS
SHOT POINT INTERVAL	25 METERS
DISTANCE OF SOURCE TO ANTENNA	77.9 METERS

INSTRUMENTS	
SYSTEM	DFS V
AMPLIFIER	BINARY GAIN
FILTER	HG2.5-LOUT
SAMPLING INTERVAL	4 MS.
RECORD LENGTH	6 SEC

CABLE	
TYPE CABLE	STREAMER
CABLE LENGTH	2375 METERS
CABLE DEPTH	14.3 METERS
LEAD IN	281.7 METERS
GROUP INTERVAL	25 METERS
NUMBER OF GROUPS RECORDED	96

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS	
1. EDIT	
2. DECONVOLVED BEFORE STACK	
TYPE -	MINIMUM PHASE INVERSE FILTER
WINDOW LENGTH	3 EQUAL ZONES
LENGTH OPERATOR	200 MS
PREDICTION DISTANCE	4 MS
3. NMO STACK 4800 %	
4. GAIN	
5. MIGRATION	
FINITE DIFFERENCE METHOD	
6. TIME VARIANT FILTER	
FILTER TIME	L.C. (HZ.) H.C.
1.0 SEC	15 - 50
1.0 SEC	10 - 40
1.9 SEC	8 - 30
2.5 SEC	6 - 20
7. GAIN	

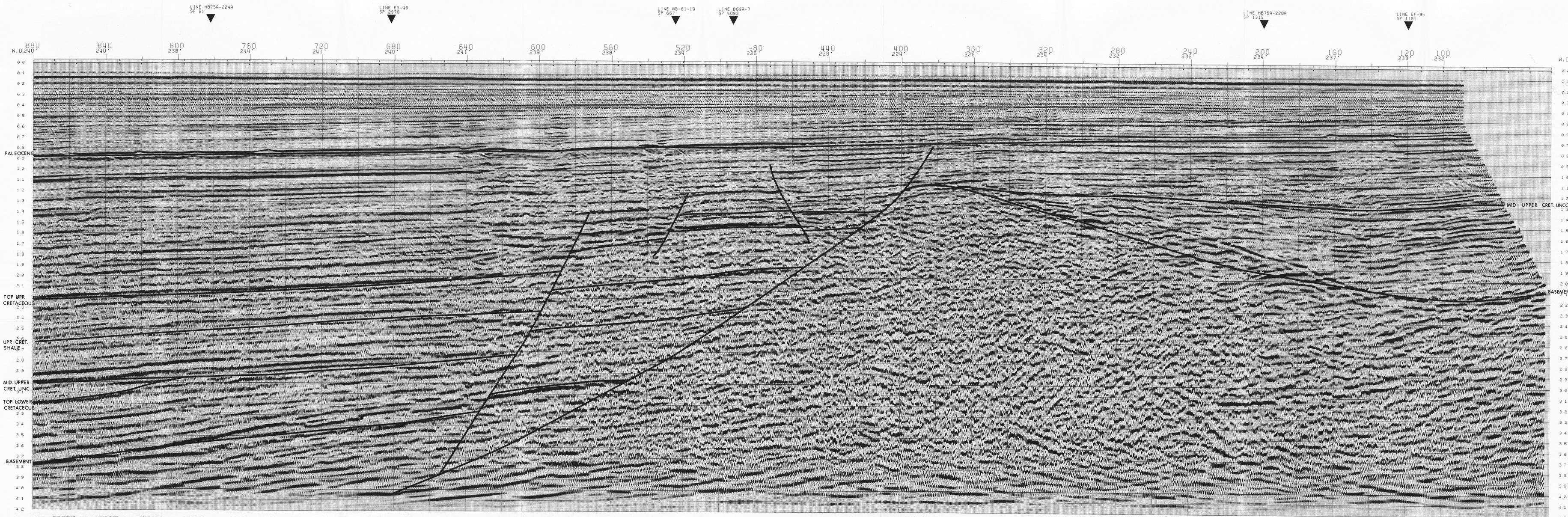
96 GROUP CABLE USING ALL GROUPS
 SHOTPOINT LOCATION AT ANTENNA
 CORRECTION TO SEA LEVEL DATUM 12 MS



HORIZONTAL SCALE
 80 TRACES EQUALS ONE KILOMETER
 1 KILOMETER
 VERTICAL SCALE
 3.75 INCHES PER SECOND

5664

POLARITY CONVENTION
 RECORDING : COMPRESSION PULSE NEGATIVE NUMBER
 PROCESSING : COMPRESSION PULSE NEGATIVE NUMBER
 DISPLAY : COMPRESSION PULSE TROUGH (DECREASING BLACK)



880 840 800 760 720 680 640 600 560 520 480 440 400 360 320 280 240 200 160 120 100
 W.D. 240 238 241 241 240 239 238 234 226 224 226 234 232 234 237 233 232 234 237 233 232

